

Clean Coal Study Group Study Scope

Guiding Questions

- **Engineering** – Is integrated gasification combined-cycle (IGCC) technology ready for commercial application? How do the operational characteristics of an IGCC plant compare to pulverized coal (PC) and super critical pulverized coal (SCPC)?
- **Cost** – How do the economics of IGCC compare to PC and SCPC? What are the cost/benefit trade-offs? How do these trade-offs change if different assumptions are made about the cost of fuel? Are there federal or other subsidies available for IGCC technology? What are options for financing and ownership structure?
- **Environmental** – How does the environmental impact of IGCC compare to PC and SCPC? How does the environmental regulatory climate affect the choice of one over the other? How does Wisconsin's climate impact the operation of an IGCC plant?
- **Siting** – Is Wisconsin a suitable host for IGCC? Do we have the resources in-state? Or have sufficient access to needed resources?
- **Economic Development** – How would IGCC affect the economic climate in Wisconsin?
- **Policy** - Are there any barriers to permitting an IGCC unit in the state? What, if any, policy changes might be needed to permit an IGCC unit in Wisconsin? What can we learn from other states?